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To: Jimenez, Christopher[Jimenez.Christopher@epa.gov]
From: Raj
Sent: Thur 6/4/2015 10:53:16 AM
Subject: Draft notes for MB response....stay tuned Heating continues to day on June 4

June 1, 2015: MB response

Flight from JFK

Ride from family member to JFK 90 miles tolls 15.00

Arrived in St. Thomas on June 1, 2015

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Left hotel at 7:00 am

Arrived at site June 2 at 9:00 am

Grab Summa air sample at 9:28 am for MB analysis

Kitchen isolated from bedroom by closing bedroom doors

Started to work on propane heater , after certain logistic challenges propane heat started around 12:00pm

Temp of the lower unit in kitchen. Is 97F at 12:34 pm

Air cleaner on VOC 274 PPBV air cleaner on at 12:39 PPB

Will continue heating

Temp 104 F. VOC 267 PPB 1:23 pm

Temp in kitchen at 2:14pm 109 F . Bedroom door opened to reduce the kitchen temp to 105 F .

Air cleaner was turned off at 2:14 pm

Continue heating and keep monitoring temp .

Temp at 2:58 : 99F

Temp 3:33 pm 105 F , and VOC 87 PPBV

Continue heating

Temp 107F VOC 131 PPBV 4:35 pm

Stop heating at 5:00 pm , Temp 107 F and VOC 146

Grab Summa air sample in lower unit at 5:00 PM for MB analysis

All fans on , including high velocity exhaust fan . Two windows open in both bedrooms

5:10 pm temp 102 , VOC 56 PPBV

Taking car ferry at 6:00 ,PM from St. John to St. Thomas .

Ferry left at 6:15 pm

Reached hotel at 7:15 pm

Total ferry expense for to day \$54.00

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June 3, 2015

Will change room in hotel to day , in the room VOC avg. 300 PPBV , carbon dioxide above 1000ppm on June1- 2, 2015, Summa air samples grab on June 2 at 7:50 pm . Requested room change last night .

Left hotel at 7:00 AM for ferry

Ferry expense \$54.00

Ferry to St. John from St. Thomas at 8:00am

VOC : ND, and temp : 82 F at 8:50 AM

All windows closed , fans on in lower unit J 8:54 AM

Propane heat on at 8:55 AM

VOC: 279 PPB ,and temp 100 F : 10:00 AM

Note: all temp and VOC reading are in kitchen area

VOC : 417 PPB , and temp 104 F at 11:00 AM

VOC : 511 PPB , and temp 107 F at 12 : 00 PM

IMP. NOTE:

Most of the VOC 1800 PPB coming from propane burner (due to incomplete combustion) .

Resulting higher VOC in kitchen . VOC being accumulated due to incomplete combustion .

VOC : 679'PPB , and temp. 102 F at 1:00 PM

VOC : 1319 PPB , and temp 106 F. at 2 :00PM

VOC : 1398 PPB , and temp 105 F at 2:30 PM

Summa air sample collected. All exhaust fans on , ventilation unit on . Bed room windows open .

Air cleaner turn on .propane Heat turn off

Leaving St. John for St. Thomas EPA office to get supplies at 3:00 PM

Eight cleaned summa from EPA office were brought back to hotel at 4:30 . Also provided info to Jim Casey regarding the on going MB response .

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Sent from my iPad